

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
CIG-103

Total Pages in this Submission.

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

A COMPUTER INTRUSION DETECTION SYSTEM AND METHOD BASED ON APPLICATION MONITORING

and invented by:

ANUP K. GOSH, MICHAEL SCHATZ, CHRISTOPH C. MICHAEL AND AARON SCHWARTZBARD

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below
2. Specification having 36 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (*if applicable*)
 - c. Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. Reference to Microfiche Appendix (*if applicable*)
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (*if drawings filed*)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

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Application Elements (Continued)

3. Drawing(s) (when necessary as prescribed by 35 USC 113)
a. Formal b. Informal Number of Sheets 5
4. Oath or Declaration
 - a. Newly executed (*original or copy*) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
 - c. With Power of Attorney Without Power of Attorney
 - d. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Computer Program in Microfiche
7. Genetic Sequence Submission (*if applicable, all must be included*)
 - a. Paper Copy
 - b. Computer Readable Copy
 - c. Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. Assignment Papers (*cover sheet & documents*)
9. 37 CFR 3.73(b) Statement (*when there is an assignee*)
10. English Translation Document (*if applicable*)
11. Information Disclosure Statement/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Acknowledgment postcard
14. Certificate of Mailing
 First Class Express Mail (*Specify Label No.*): _____

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

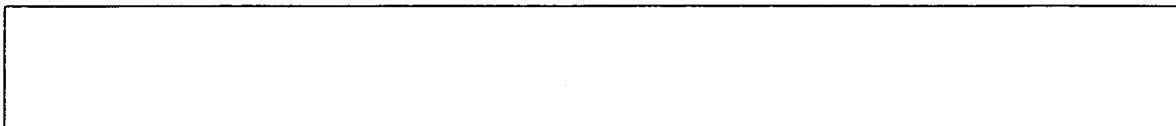
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Accompanying Application Parts (Continued)

15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)

16. Small Entity Statement(s) - Specify Number of Statements Submitted: 1 (ONE)

17. Additional Enclosures (*please identify below*):


Fee Calculation and Transmittal

CLAIMS AS FILED

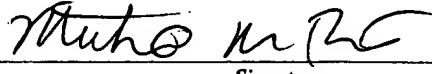
| For | #Filed | #Allowed | #Extra | Rate | Fee |
|--------------------------------------------------------------------------|--------|----------|--------|-----------|---------------------------|
| Total Claims | 50 | - 20 = | 30 | x \$9.00 | \$270.00 |
| Indep. Claims | 4 | - 3 = | 1 | x \$40.00 | \$40.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | |
| | | | | | BASIC FEE \$355.00 |
| OTHER FEE (specify purpose) | | | | | |
| | | | | | TOTAL FILING FEE \$665.00 |

A check in the amount of _____ to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1390 as described below. A duplicate copy of this sheet is enclosed.

- Charge the amount of \$665.00 as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: OCTOBER 30, 2000



Signature

Michele M. Burris
Reg. No. 44,576
SHAW PITTMAN
2300 N STREET, N.W.

cc:

**VERIFIED STATEMENT BY A NON-INVENTOR SUPPORTING
A CLAIM BY ANOTHER FOR SMALL ENTITY STATUS**

Docket No.
CIG-103

Serial No.
NEW APPLN

Filing Date
October 30, 2000

Patent No.
-

Issue Date
-

Applicant/ **ANUP K. GOSH ET AL.**
Patentee:

Invention: **A COMPUTER INTRUSION DETECTION SYSTEM AND METHOD BASED ON APPLICATION MONITORING**

I hereby declare that I am making this verified statement to support a claim by Anup K. Gosh, Michael Schatz, Christoph C. Michael and Aaron Schwartzbard

for small entity status for purposes of paying reduced fees to the United States Patent and Trademark Office, regarding the invention described in:

- the specification filed herewith with title as listed above.
- the application identified above.
- the patent identified above.

I hereby declare that I would qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying fees to the United States Patent and Trademark Office, if I had made the above identified invention.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). Note: Separate verified statements are required from each person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- no such person, concern, or organization exists.
- each such person, concern or organization is listed below.

FULL NAME **CIGITAL**

ADDRESS **21341 Ridgetop Circle, Suite 400, Dulles, VA 20166-6503**

Individual Small Business Concern Nonprofit Organization

FULL NAME

ADDRESS

Individual Small Business Concern Nonprofit Organization

FULL NAME

ADDRESS

Individual Small Business Concern Nonprofit Organization

FULL NAME

ADDRESS

Individual Small Business Concern Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Michele Burris

TITLE IN ORGANIZATION: _____

ADDRESS OF PERSON SIGNING: **SHAW PITTMAN**

2300 N Street, NW

Washington, DC 20037-1128

SIGNATURE:  DATE: October 30, 2000